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(71) Applicant: MITSUI CHEM INC

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(54) PRODUCTION OF TAXANE TYPE DITERPENE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a taxane type diterpene containing taxol useful as a therapeutic agent for ovarian cancer, mammary cancer, pulmonary cancer, etc.

SOLUTION: Preculture of a cell is carried out under conditions of abundant oxygen supply and the resultant cell is then subjected to the main culture aiming at the production of a taxane type diterpene when culturing the cell of a taxane type diterpene-producing plant. The taxane type diterpene is then recovered from the resultant cultured product after the culture. Thereby, the productivity of the taxane type diterpene can be improved in the cell culture of the taxane type diterpene-producing plant.

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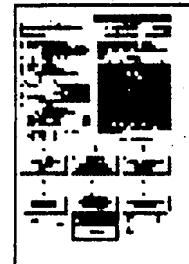
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